

SHORT COMMUNICATION

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S. A. Shabalin^{1, 2)}, S. N. Ivanov³⁾. FIRST RECORD OF *VALGUS KOREANUS* SAWADA, 1944 (COLEOPTERA: SCARABAEIDAE, VALGINAE) FROM RUSSIA. – Far Eastern Entomologist. 2013. N 265: 11-15.

Summary. *Valgus koreanus* is firstly recorded from Russia (Primorskii krai). The distribution data of this species is summarized. The illustrations of male habitus and genitalia are given.

Key words: Coleoptera, Scarabaeidae, Valginae, fauna, new record, Russian Far East.

С. А. Шабалин^{1, 2)}, С. Н. Иванов³⁾. Первая находка *Valgus koreanus* Sawada, 1944 (Coleoptera: Scarabaeidae, Valginae) в России // Дальневосточный энтомолог. 2013. N 265. С. 11-15.

Резюме. *Valgus koreanus* впервые обнаружен в России. Обобщены сведения о распространении этого вида, приведены фотография имаго и рисунки гениталий самца.

INTRODUCTION

Three hundred twenty species in 70 genera of the Valginae (Coleoptera: Scarabaeidae) are widely distributed in the world except the Australian and Neotropical regions (Krikken, 1984). The fauna of Palaearctic region consists of 60 species in 11 genera (Smetana, 2006). Up to now only *Valgus hemipterus* (Linnaeus, 1758) is known from Russia (Medvedev, 1964). This species was recorded from the Russian Far East (Kalinina, 1989; Shabalin, 2011). A new for the fauna of Russia species was found in Primorskii krai.

Present paper is based on the collection of the Institute of Biology and Soil Science, Russian Academy of Sciences (Vladivostok) and one additional specimen collected by second author in 2013 in the vicinity of Merkushovka, Primorskii krai (Fig. 1).

NEW RECORD

***Valgus koreanus* Sawada, 1944**

Figs 2–4

Valgus koreanus Sawada, 1944: 12; Kim, 2001: 143; Smetana, 2006: 313; Kim, 2011: 29.

Valgus hemipterus (nec Linnaeus, 1758): Kalinina, 1989: 428; Shabalin, 2011: 69.

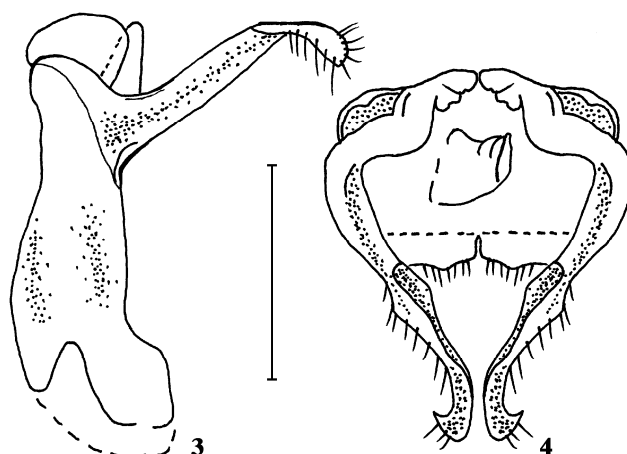
MATERIAL. **Russia:** Primorskii krai, Ussuriyskii District, Krounovka River [= “Chapigou”], 5.VI 1957, 1 ♂ (L.A. Ivliev leg.), stored in the collection of Institute of Biology and Soil Science (Vladivostok); Chernigovskii District, vicinity of Merkushovka, on flowers of *Spiraea* sp., 3.VI 2013, 1 ♂ (S.N. Ivanov leg.), stored in S.N. Ivanov’s collection (Vladivostok).



Fig. 1. Disturbed biotope in the vicinity of Merkushovka village (Primorskii krai) in which *Valgus koreanus* was collected.



Fig. 2. Male of *Valgus koreanus* from Merkushovka, Primorskii krai.



Figs 3–4. Male genitalia of *Valgus koreanus* from Merkushovka. 3 – lateral view, 4 – frontal view.

NOTES. This species was described by H. Sawada (1944) based on two males (holotype and paratype) collected in "Syôyô-zan near Keijô in Korea" (= vicinity of Seoul, Republic of Korea). Present deposition of the type specimens of *Valgus koreanus* is uncertain, but probably they are kept in the collection of the Tokyo University of Agriculture. However, the male "neotype" of *V. koreanus* was designated by J.-I. Kim (2001) from "Seocheon-ri, Nammyeon, Chuncheon, Kangwon-do" [= Republic of Korea, Chuncheongnam-do] and deposited in the Sungshin University, Seoul. This designation is unjustified under articles 75.3.1, and 75.3.4 of the Code of Zoological Nomenclature (ICZN, 1999).

The studied specimen of *V. koreanus* in the collection of Institute of Biology and Soil Science is provided by follow label: "*Valgus hemipterus* L., det. G. Nikolajev". Thus, the record of *V. hemipterus* from the Russian Far East (Kalinina, 1989; Shabalin, 2011) is based on this male and is result of misidentification. *V. koreanus* is easily distinguished from the European species *V. hemipterus* by male genitalia (Figs 3, 4).

HABITAT. The beetles of the genus *Valgus* usually inhabit the flowers of different plants. Larvae are developed in the dead wood. One male of *V. koreanus* was collected by second author on the flowers of *Spiraea* sp. in the vicinity of Merkushovka village in the disturbed biotope (Fig. 1).

DISTRIBUTION. Russia: Primorskiy krai (first record); Republic of Korea (Gangwon-do, Gyeonggi-do, Seoul, Chungcheongbuk-do, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do) (Fig. 5).

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Fig. 5. Distribution of *Valgus koreanus*. ● – published data (after Kim, 2011); ■ – studied material.

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Author's addresses:

- 1) Institute of Biology and Soil Science,
Far Eastern Branch of the Russian Academy of Sciences,
Vladivostok, Russia.
E-mail: oxecetonia@mail.ru
- 2) Primorskii Regional Institute of Education Development,
Vladivostok, Russia.
- 3) Far Eastern Branch of the Russian Entomological Society,
Vladivostok. E-mail: sebastes58@mail.ru